

**Session Program**

**16-20 Oct 2023**

**9th Symposium on Frequency Standards and  
Metrology**

***Optical Ion Clocks I***

Kingscliff, NSW, Australia

Mantra on Salt Beach Kingscliff, Tweed Coast Gunnamatta Avenue, Kingscliff NSW

# Monday 16 October

14:00

## Optical Ion Clocks I

**Session** |

**Location:** Kingscliff, NSW, Australia, Mantra on Salt Beach Kingscliff, Tweed Coast Gunnamatta Avenue, Kingscliff NSW |

**Convener:** Fritz Riehle

14:00–14:30

### An Optical Atomic Clock Based on a Highly Charged Ion

**Speaker**

Prof. Piet Schmidt

14:30–15:00

### Frequency reference validation with $^{176}\text{Lu}^+$

**Speaker**

Murray Barrett

15:00–15:30

### A Multi-ion Clock with $\text{In}^+/\text{Yb}^+$ Coulomb Crystals

**Speaker**

Tanja Mehlstäubler

15:30